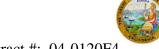
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: <u>SF/ALA</u> Rte: <u>80</u> PM: <u>13.2/13.9</u>

File #: 6<u>9.yy</u>

DAILY PROJECT JOURNAL

Prime Contractor: American Bridge/Fluor Enterprises, a JV Report No: DPJ-000041 **Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island Dated: 11-Jan-2007

Submittals(New / Total): CWR's: $0/0$ HSR's: $0/0$ NCR's: $0/0$				
Item	Title	Detail		
1	Major component movement	Conducted welding of the following PQR test plates:		
		1G Flux Core Arc Welding (FCAW) procedure identified as HP-2006128		
		on 75mm A709-345 (non-standard joint due to 20mm root). Welding is complete.		
		3F Flux Core Arc Welding (FCAW) procedure identified as HP-2006127 on		
		26mm HPS 485W fillet welds. Welding is complete.		
		1F Submerged Arc Welding (SAW)	procedure identified as HP-2006139-1	
		on 26mm A709-345 fillet welds. W	Velding is complete.	
2	Key conversations	ZPMC informed QA that they would	MC informed QA that they would be performing 3 additional PQR	
		qualification tests tomorrow. They will be performing a new 1G Gas Metal		
		Arc Welding (GMAW) procedure test. They explained that, since the		
		GMAW was for welding the closed-rib welds, ABF had been concerned		
		about the compatibility of the GMAW electrode with the Submerged Arc		
		Welding (SAW) electrode that will	be used for the closed-rib welds. To	
		alleviate this concern ZPMC decide	d to switch to a GMAW electrode that	
		was manufactured by the same company as the SAW electrode. The other		
		two PQR qualification tests will be 1G (flat) plate, and a 1F (flat) fillet welc		
		test performed with 2mm diameter SAW (their previous tests had been		
		performed with 4.8mm electrode).		
3	Quality Assurance Inspectors per shift	3 AM + Engineer Jim Merrill		
		0 PM		

Inspected By: McClary, David **Quality Assurance Inspector Reviewed By:** Lowry, Patrick **QA** Reviewer